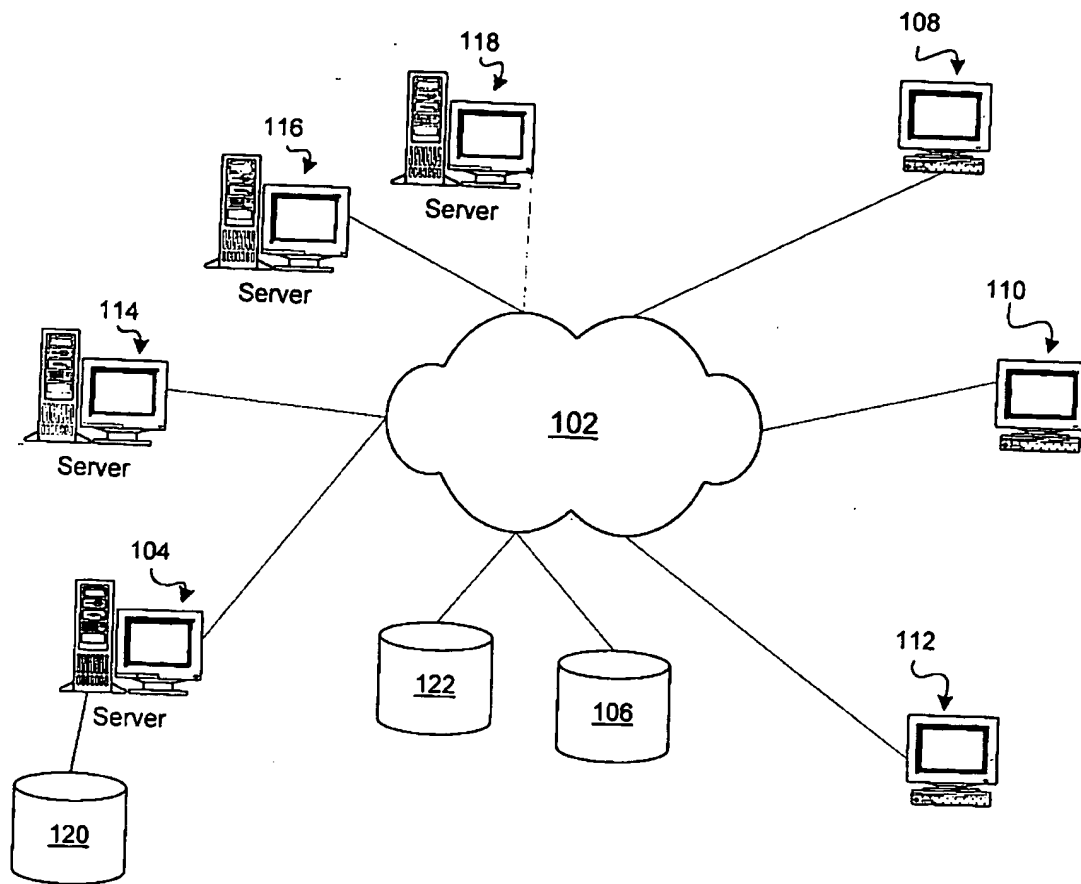


009070 20082460

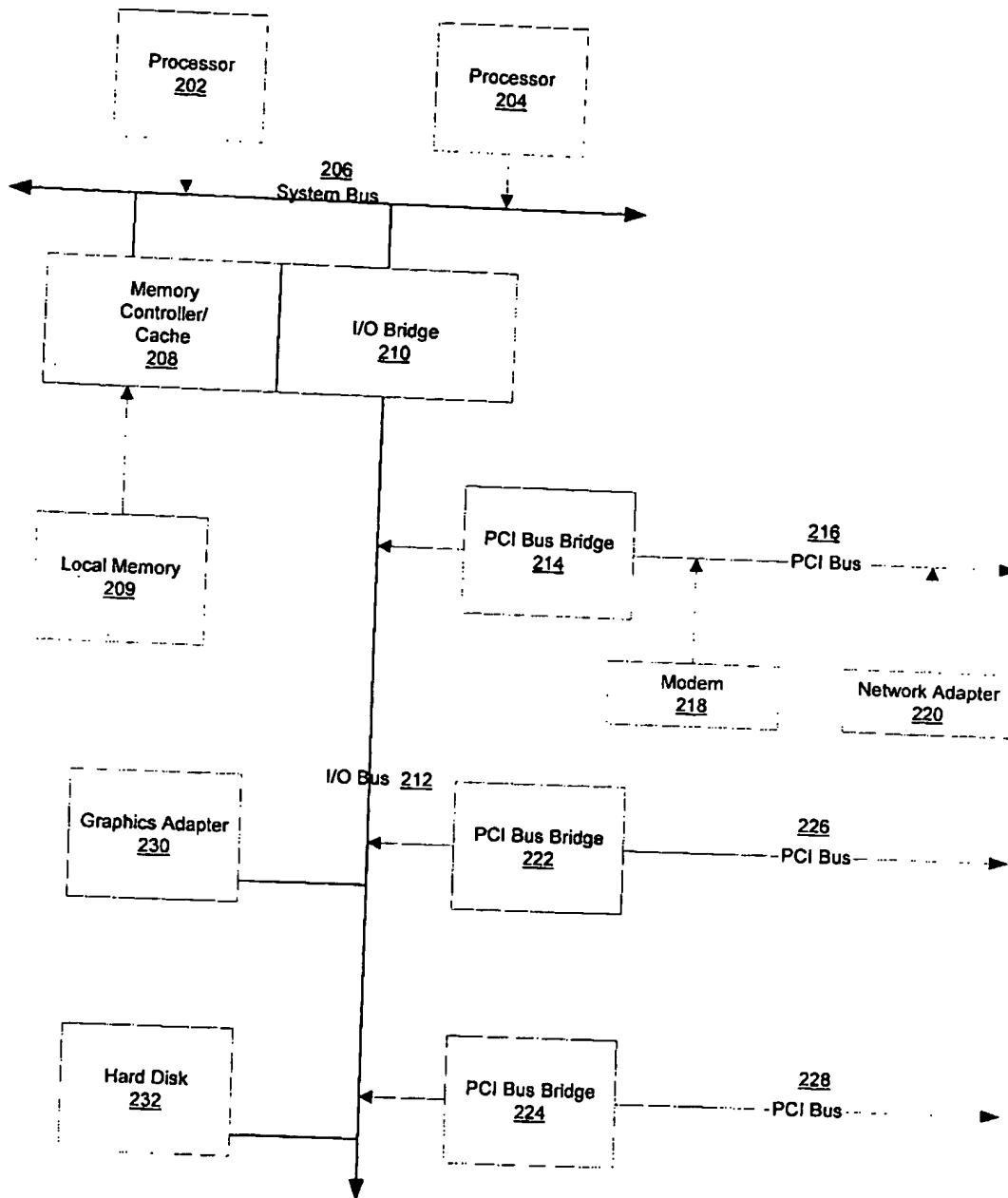
25187645716VJ



100
Network
Figure 1

AUS990800US1

009070" 2022760



200
Figure 2
AUS990800US1

Attribute ::= SEQUENCE {
 type AttributeType,
 values SET OF AttributeValue
}

AttributeType ::= OBJECT IDENTIFIER
 AttributeValue ::= ANY DEFINED BY type

Figure 3

ASN.1 Notation of the X.500
 Attribute data type
 AUS990800US1

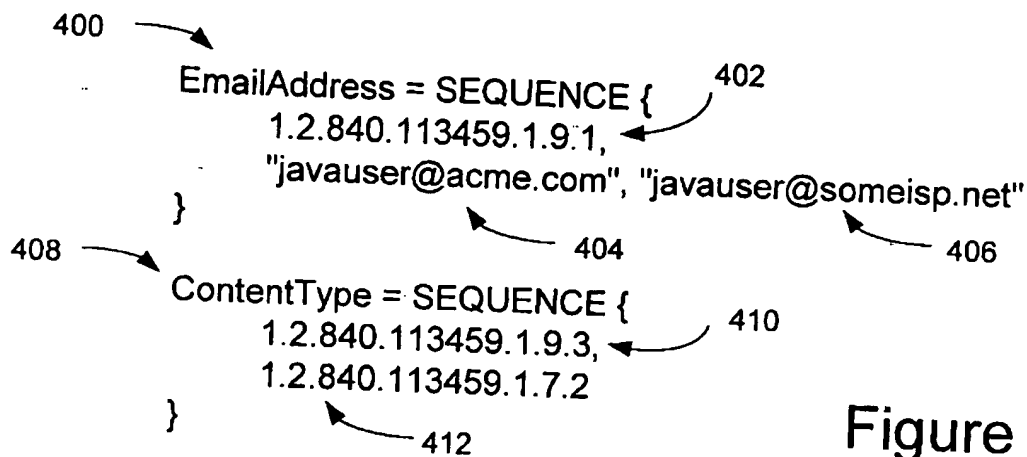


Figure 4

Attributes EmailAddress and
 ContentType using PKCS9
 AUS990800US1

EmailAddress
 502

30	36	06	09	2A	86	48	86	F7	0D	01	09	01	31	29	16
11	6A	61	76	61	75	73	65	72	40	61	63	6D	65	2E	63
6F	6D	16	14	6A	61	76	61	75	73	65	72	40	73	6F	6D
65	69	73	70	2E	6E	65	74								

ContentType
 504

30	18	06	09	2A	86	48	86	F7	0D	01	09	03	31	0B	06
09	2A	86	48	86	F6	33	01	07	02						

Figure 5

DER Encoding of EmailAddress
 and ContentType Attributes
 AUS990800US1

0099070 20E82460

009070 4060 2460

Figure 7A
Requesting an Attribute Object
via the PKCS9 class
AUS990800US1

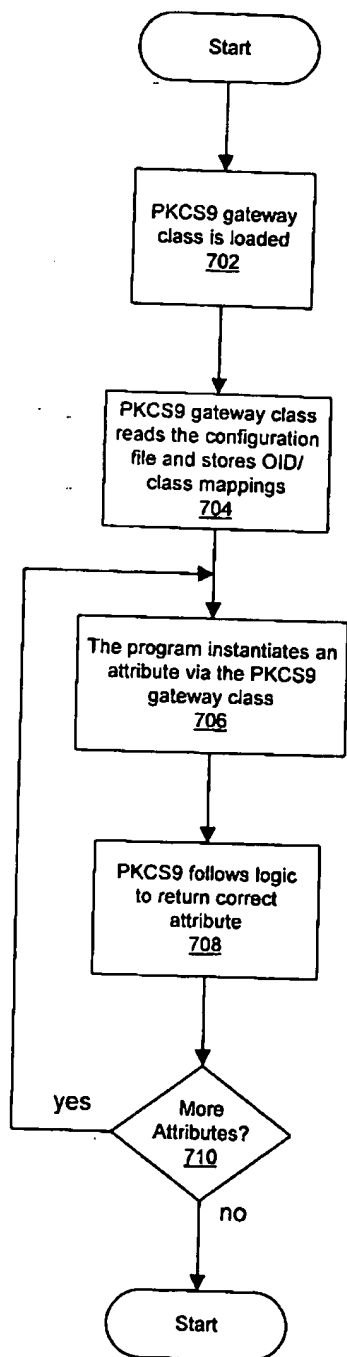


Figure 7B
Configuration File
AUS990800US1

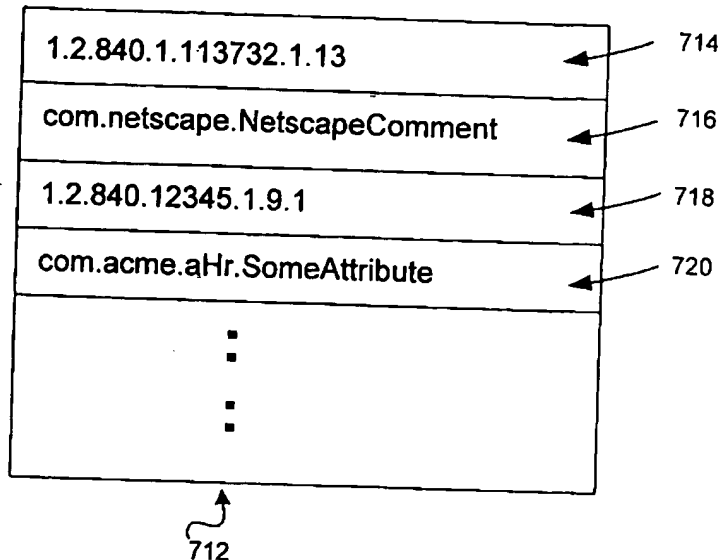


Figure 7C
Attribute Mapping
AUS990800US1

Object Identifier	Class
1.2.840.113549.1.9.1	EmailAddress
1.2.840.113549.1.9.2	UnstructuredName
1.2.840.113549.1.9.3	ContentType
1.2.840.113549.1.9.4	MessageDigest
1.2.840.113549.1.9.5	SigningTime
1.2.840.113549.1.9.6	Countersignature
1.2.840.113549.1.9.7	ChallengePassword
1.2.840.113549.1.9.8	UnstructuredAddress
1.2.840.113549.1.9.9	ExtendedCertificateAttributes
1.2.840.1.113732.1.13	com.netscape.NetscapeComment
1.2.840.12345.1.9.1	com.acme.aHr.SomeAttribute
:	:
:	:

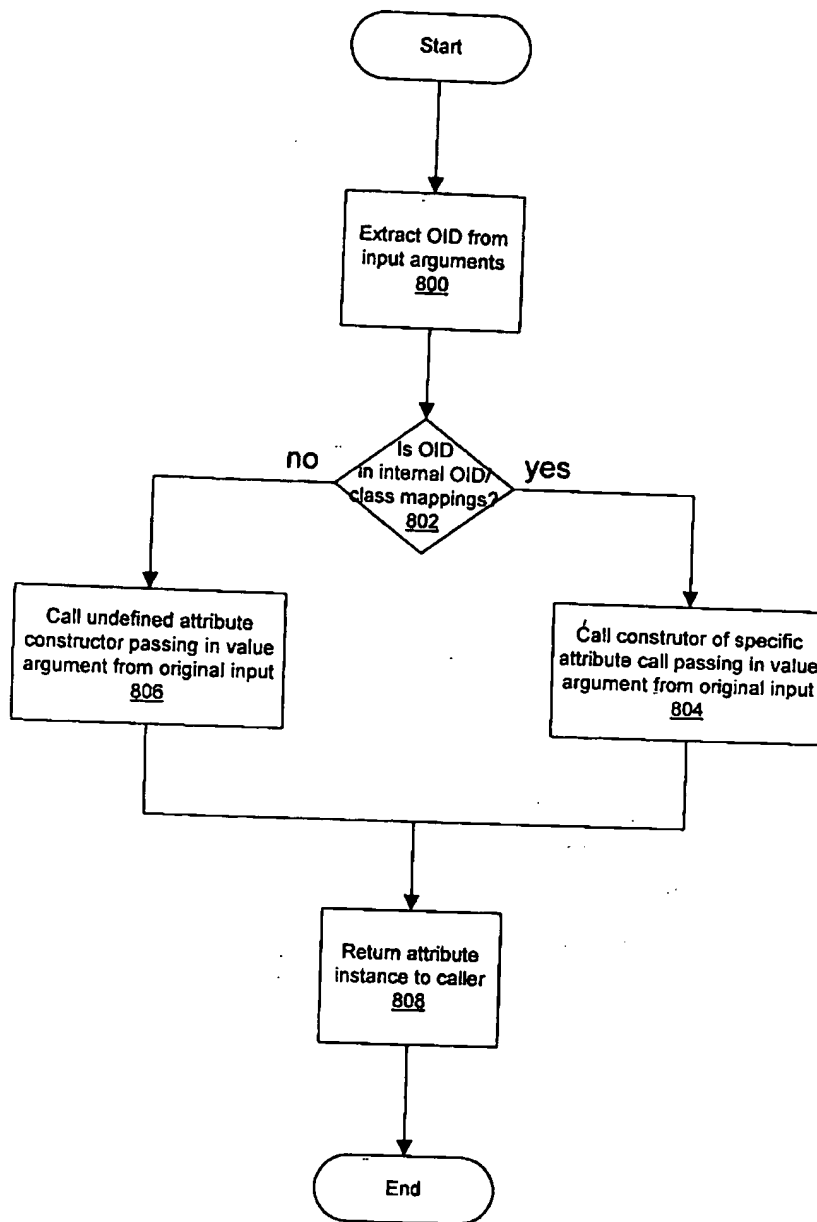


Figure 8
Logic of getAttribute() method
for PKCS9
AUS990800US1